

**Radio
Shack****COMPUTER
CENTER**

NEW!

Introducing the TRS-80® Model 100 Portable Computer



The "Micro Executive Workstation"

- Easy-to-Read 8-Line by 40-Character Liquid Crystal Display
- Powerful Built-In Executive Management Software
- Self-Contained Direct-Connect Modem with Auto-Dialer
- Comfortable Full-Size Keyboard ■ Weighs Less Than 4 lbs.

799⁰⁰

8K RAM

Only \$54
a Month
on CitiLine
Credit

TRS-80 Model 100. So small it'll fit in your in-basket! And when you leave the office, take the Model 100 with you, because it works on batteries. Built-in "instant-on" software lets you use Model 100 as a personal word processor, telephone auto-dialer, address book, appointment calendar and terminal for information services such as Dow Jones News/Retrieval® and CompuServe® through the built-in modem. The extended Microsoft BASIC language makes it perfect for programmers—and they'll appreciate the eight programmable function keys, four command keys and four cursor keys, too. Interfaces include a parallel printer port, an RS-232C port programmable to 19,200 baud and a cassette port that operates at 1500 baud and can be used to interchange tapes with our new TRS-80 Model 4 (see page 9). Internal nickel-cadmium batteries retain memory data for up to 30 days. Requires 4 "AA" batteries. With 8K RAM. 26-3801 799.00

24K RAM Model 100. As above, but with triple the internal memory. 26-3802 999.00

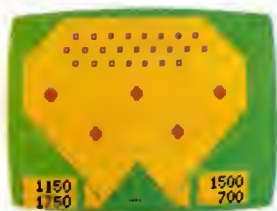
8K RAM Memory Upgrade. Increases available memory. Up to three (for 32K total) may be installed. Installation required (not included). 26-3816 119.00

Direct-Connect Modem Cable. Connects to modular phone jack. 26-1410 . . . 19.95

Printer Cable. Connects to parallel printer. 26-1409 14.95

Sale Prices End 6/26/83—Except As Noted
New Inside:
TRS-80 Model 4 Desktop
Computer—Pages 8-9
TRS-80 PC-4 Pocket
Computer—
Page 14

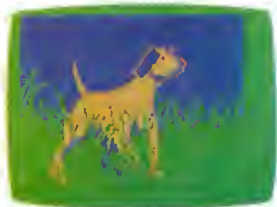
Sale! Exciting Color Computer Programs



Pinball—23% Off

Save \$7⁰⁷ **Reg.** 29.95 **22⁸⁸**

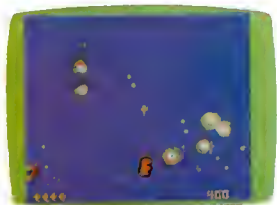
Talk about realistic—you can even bump and tilt! Design your own playfield for faster games. Joysticks required. 26-3052 Sale 22.88



Art Gallery—25% Off

Save \$10⁰⁷ **Reg.** 39.95 **29⁸⁸**

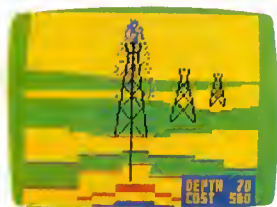
Draw pictures using superb color graphics! Save results on tape with optional cassette recorder. Joysticks optional. 26-3061 Sale 29.88



Microbes—20% Off

Save \$5⁰⁷ **Reg.** 24.95 **19⁸⁸**

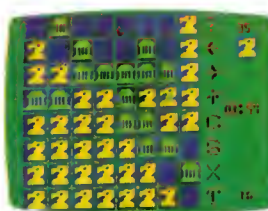
Use your "disinfector" to shoot antibiotics at nasty germs. 15 levels of difficulty. Joysticks optional. 26-3085 Sale 19.88



Wildcatting—33% Off

Save \$10⁰⁷ **Reg.** 29.95 **19⁸⁸**

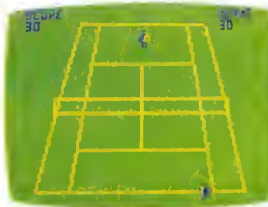
Play for highest profits in this strategy game in the oil fields. For one to four players. Joysticks optional. 26-3067 Sale 19.88



Roman Checkers—16% Off

Save \$5⁰⁷ **Reg.** 29.95 **24⁸⁸**

The classic game of strategic placement. Save games on tape with optional cassette recorder. Joysticks optional. 26-3071 Sale 24.88



Tennis—33% Off

Save \$10⁰⁷ **Reg.** 29.95 **19⁸⁸**

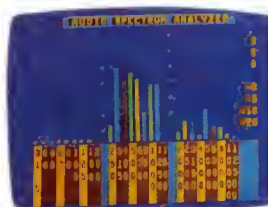
Play realistic matches using tennis strategy. Two skill levels, applause and other sound effects. Joysticks required. 26-3080 Sale 19.88



Shooting Gallery—16% Off

Save \$5⁰⁷ **Reg.** 29.95 **24⁸⁸**

Hit moving targets for points in a whimsical carnival atmosphere. There're lots of surprises! Joysticks required. 26-3088 Sale 24.88



Audio Spectrum Analyzer

Cut \$5 **New Low Price! 14⁹⁵**

Test your stereo's performance! Bar graph shows power distribution. Requires cable (26-1207). Was \$19.95 in Cat. RSC-8. 26-3156 14.95

The Color Computer is an Outstanding "Home Tutor"

"Fun with Reading" Series Encourages Learning

19⁹⁵ Each

Give Youngsters
An Entertaining Way
To Learn at Home

**Your Child Learns Three Ways—Through
Reading, Listening and Drill Exercises**

Each package includes an illustrated reader, a read-along audio cassette tape, and a computer tape with spelling and vocabulary exercises based on words and sentences from the story. Exercises are repeatable—each session randomly selects a new sequence of problems. The program gives immediate feedback after each problem, and a progress report after every 10 problems. Designed for grades 4-6. Cassette recorder required.

Dracula. 26-2550 19.95
The Hound of the Baskervilles. 26-2551 19.95
Moby Dick. 26-2552 19.95
20,000 Leagues Under the Sea. 26-2553 19.95

Now Available! Vocabulary Tutor Programs

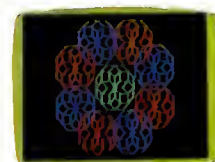
Teach kids new words with your TRS-80 Color Computer. Vocabulary Tutor uses the Color Tutor system, combining pictures and text on the screen with spoken information. Children match words with definitions and use words in sentences, getting

reinforcement for correct responses and hints for wrong ones. Score is reported at the end of each session. Designed for grades 3-5. Cassette recorder required.

Vocabulary Tutor 1. 26-2568 8.95
Vocabulary Tutor 2. 26-2569 8.95

Color LOGO Programming Language

49⁹⁵



- Learn Basic Programming And Graphic Concepts
- Recommended by Educators

Our remarkable Color LOGO programming language is designed to help children grasp graphic relationships and fundamental programming concepts. Youngsters find it easy to learn and fun to use. Through manipulation of "turtle" graphics, your child will learn to write simple programs. As a result, the computer becomes a friendly learning tool, and the child gains valuable insight into advanced concepts. Children who haven't yet begun to read can use a "doodle" mode to create their own graphics. And a "hatch" command creates multiple turtles, capable of running separate programs simultaneously. Color LOGO (in a handy Program Pak™ version) includes an instruction manual with lessons and programs. 26-2722 49.95

Spectacular TRS-80® Color Computer Sale!

Save 33% on the Popular TRS-80
16K Standard Color Computer

\$100 Off Reg. 299.95 **199⁹⁵** Less TV

- 16,000-Character Internal Memory ■ Easily Expandable
- Vivid Colors and Exciting Sound ■ Connects to Any TV

16K Standard Color BASIC. Our lowest price ever! The perfect computer for fun and games, as well as many household, business and educational tasks! The whole family will find it easy to use. Just pop in an instant-loading Program Pak™ to blast invaders from other galaxies, ski down treacherous slopes, polish up your chess game, or balance the family budget. Your kids can learn math or typing, enjoy literary classics, or paint an "electronic" coloring book. Teach yourself programming with our entertaining 308-page manual (included). Color BASIC's simple commands let you quickly produce drawings, diagrams and charts. Expand anytime with more memory, disk drives, a printer or a modem for telephone communications. U.L. listed. 26-3004 ... Sale 199.95

Save Up to 27% on Powerful Extended BASIC Color Computers

16K Extended BASIC

Reg. 399.95

\$100 Off

299⁹⁵ Less TV

32K Extended BASIC

Reg. 549.95

\$150 Off

399⁹⁵ Less TV

- Easy-to-Use One-Line Commands Make Detailed Color Graphics Incredibly Simple
- 192 x 256 Screen Resolution (49,152 Pixels)
- 255 Separate Tones for Music and Sound

Extended Color BASIC Computer. Now this professional system is more affordable than ever! You get all the features of the Standard Color Computer, plus advanced programming capabilities. With Extended BASIC, it's easy to draw highly-detailed shapes using simple one-line commands. Produce impressive designs, charts, even animation! It's easy to add music and sound effects to your programs, too. And this computer is loaded with the dynamic features a serious programmer needs, such as string arrays up to 255 characters, full-featured editing, tracing, user-definable keys and much more. Expands easily with printer, plotter, digitizer, disk drives and phone interface. Includes Standard and Extended Color BASIC manuals. U.L. listed.

16K Extended BASIC. 26-3002 Sale 299.95
32K Extended BASIC. 26-3003 Sale 399.95



**There's a TRS-80 Color Computer
Just Right for You!**

When It Comes to Computers—Come to Your Nearby Radio Shack Computer Center

Bonus Offer! TRS-80 Model 16 Memory Kit

With Your Purchase of Model 16, We Include a 128K Memory Kit* at No Charge to You!

Save \$499

1-Disk Model 16

4999⁰⁰

2-Disk Model 16

5798⁰⁰

Includes TRS-XENIX!

- Unique Dual-Processor Design Features MC68000 16-Bit and Z-80A Microprocessors
- Large Library of Ready-to-Run Programs Available

TRS-80 Model 16. The awesome power of the Model 16 lets you accomplish complex tasks with ease. And for more memory—and more value—we include a 128K Memory Kit (26-6012), regularly \$499, at no charge! Added to Model 16's standard 128K, that's 256,000 characters of internal memory. And you can easily add more internal memory for a total of 512K. Model 16 is designed around a state-of-the-art 16/32-bit microprocessor that accepts 16-bit data and processes it as 32-bit "words". A second processor—the Z-80A—handles input/output and other "housekeeping chores". This permits the Model 16 to utilize much more memory

and process data at much higher speeds than 8-bit micros. Model 16 can even become the hub of a multi-user office system (see below). And it can operate as a Model II and run all Model II programs. Choose Model 16 with one or two built-in slim-line 1.25-million-character 8" disk drives. Its deluxe features include a high-resolution 12" green video display with 24 lines of 80 characters, detachable typewriter-style keyboard with numeric keypad, two RS-232C serial interfaces and a parallel printer interface. A hard disk port can be added to use up to four 12-Megabyte Hard Disk Drives for over 48 million characters of program and data storage. U.L. listed.

128K 1-Disk TRS-80 Model 16. 26-6001 4999.00

128K 2-Disk TRS-80 Model 16. 26-6002 5798.00

*Price does not include required installation.

Now Available! TRS-XENIX™ Multi-User System

- Allows Three Operators to Access Different Programs Simultaneously Using a Hard Disk and Two Terminals
- Derived from Western Electric's UNIX™ Operating System
- Specially-Designed Multi-User Software Available

A Powerful Office Computer System. TRS-XENIX lets you provide the power of the Model 16 to three people in your office without buying three separate systems! All you need is one TRS-80 Model 16 with at least 256K memory (as above), a hard disk drive and two of our low-cost DT-1 data terminals. TRS-XENIX is a state-of-the-art operating system that comes with every Model 16. It was developed by Microsoft Corporation, and is derived from Western Electric's thoroughly field-tested UNIX operating system. Using TRS-XENIX, all data can be stored on hard disk and shared by system users. Peripherals attached to the Model 16 can also be shared. (Note: Some software requires 384K with 3 users.)

Ideal for Small Business Applications. Think of the possibilities. Your sales department could check inventory levels while someone in accounting updates your general ledger—at the same time someone is working on payroll! Multi-user programs now available include accounting, inventory control, a COBOL development system and a BASIC interpreter. And if you want the ultimate tool for forecasting and modeling, you'll want our new Multiplan™ program—our powerful, second generation electronic spreadsheet.



TRS-XENIX™—Another Microcomputer Innovation from Radio Shack!

Big Savings on Heavy-Duty Business Line Printer

**Save
\$861**

999⁰⁰

**Hurry While
Supplies
Last.
Sorry, No
Rainchecks.**



Specifications. *Print Density:* 5, 7.5, 10 and 15, Bold (10 cpi only). Software selectable. *Line Density:* 6, 8, 12 lines per inch. Software selectable. *Line Length:* 13.2". *Print Speed:* 160 characters per second. 132-column—60 lines per minute, 80-column—100 lines per minute. *Dimensions:* 7¹¹/₁₆ x 24⁷/₁₆ x 15¹⁵/₁₆". *Weight:* 42 lbs. *Power:* 120VAC, 60 Hz, 85W.

```

ABCDEFGHIJKLMNOPQRSTUVWXYZ\ ]+
FGHIJKLMNOPQRSTUVWXYZ\ ]+`abcd
KLMNOPQRSTUVWXYZ\ ]+`abcdefghi
PQRSTUVWXYZ\ ]+`abcdefghijklmn
OPQRSTUVWXYZ\ ]+`abcdefghijklmnopqrs
TUVWXYZ\ ]+`abcdefghijklmnopqrstuvw
XYZ\ ]+`abcdefghijklmnopqrstuvwxy
z\ ]+`abcdefghijklmnopqrstuvwxyz( )
defghijklmnopqrstuvwxyz( )~`a%
ijklmnopqrstuvwxyz( )~`a%`µ°+
nopqrstuvwxyz( )~`a%`µ°+§ %
stuvwxyz( )~`a%`µ°+§ %`11YAö
xyz( )~`a%`µ°+§ %`11YAöÜF`ä

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7x9 Dot-Matrix for Great-Looking Printouts with Lower Case Descenders

Now Letter-Quality Printing Is More Affordable Than Ever

Save \$200

1295⁰⁰

DWP-410 Nylon Ribbon Cartridge, 26-1449 10.95



Specifications. *Print Density:* 13.6" line. Switch selectable 10 cpi (136 characters per line), 12 cpi (163 cpi), or proportional spacing. *Print Speed:* 25 cps nominal; 11.7 lpm at 10 cpi, 132-column (Over 300 wpm). *Carriage Motion:* (Unidirectional, optimal motion seeking, 1000 ms/lw rate. *Character Set:* 124 (96 ASCII, plus special and international), 23 control codes. *Paper:* Up to 16" wide. Original, plus 5 copies. Friction feed. Optional-extra tractor feed available. *Ribbon:* Multi-strike carbon or nylon cartridge. *Interface:* Standard 8-bit data parallel; 36-pin Amphenol connector. *Dimensions:* 7³/₁₆ x 23³/₁₆ x 13". *Weight:* 35 lbs. *Power:* 120VAC, 50/60 Hz, 93 Watts.

See the Complete Selection of TRS-80 Printers and Accessories at Any Radio Shack Computer Center 5

Sale! Get This Plotter/Printer at 66% Off!

Save \$961

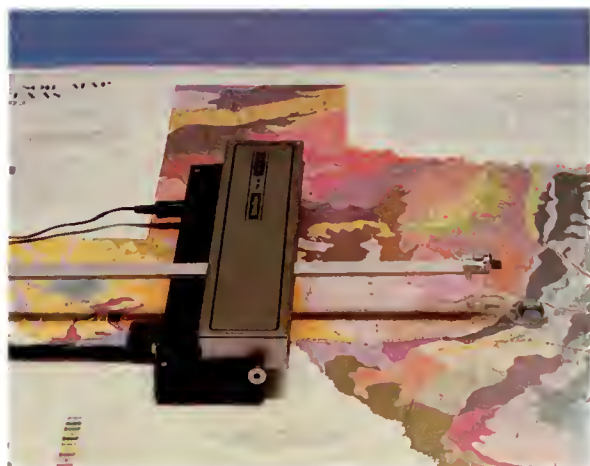
Reg. 1460.00 **499⁰⁰**



QRSTUVWXYZ!"#\$%&'()*+,-./0!
HIJKLMNOPQRSTUVWXYZ!"#\$%&'(
↑-ABCDEFGHIJKLMNPOQRSTUVWXYZ

TRS-80® Plotter/Printer. Our lowest price ever! Now you can create charts, graphs and alphanumeric with ease! This top-quality plotter lets you draw an infinite variety of points, lines, curves and geometric figures—as well as standard upper case ASCII text characters with simple BASIC LPRINT commands. Characters can even be drawn enlarged and/or rotated. Drum plotting mechanism assures extremely smooth and precise control of arc and circle patterns. Replaceable ballpoint pen produces precision drawings of any height on a 7 1/2" wide plotting area. Standard parallel interface. U.L. listed. 26-1190 Sale 499.00
9" Printer/Plotter Paper. 90-ft. roll. 26-1407 4.95

Input Data with Our Sale-Priced Digitizer



Save **\$250**

Reg. 449.00 **199⁰⁰**

Works With Any TRS-80 Computer With RS-232C Serial Port

TRS-80 Digitizer. 55% off! Now you can input precise data coordinates to your TRS-80 computer the easy way! Ideal for engineering, architectural work, drafting, map and photo interpretation, and much more. Input x/y coordinates from a drawing, map, chart, photo or plan of any size and calculate length, perimeter, area, volume and more. A swivel head lets you operate the digitizer vertically, too. In fact, you can even input data directly from the surface of your computer screen or light table. 11 x 17" active area. Point and continuous modes. Includes software listings for basic set-up and use. U.L. listed. 26-1195 Sale 199.00

Specifications. Resolution: 100 lines per in. Accuracy: 0.005". Repeatability: ±2 LSD. Operation: Point or continuous mode. Dimensions: 2 1/4 x 15 1/2 x 4 1/4". Power: 120VAC, 60 Hz.

WHERE-IS-AS-IS SALE!

Deep price cuts on closeout, discontinued items and demos! Not all items in every Radio Shack Computer Center. All subject to prior sale. Some items carry the Radio Shack limited warranty. Hurry in for best selection.

Deluxe Workstation Furniture 50% Off!



Easy-to-Assemble Modular-Design

Desk. Reg. \$299. 74-1050 Sale 149.50
Riser. Reg. \$299. 74-1051 Sale 149.50
Return. Reg. \$159. 74-1052 Sale 79.50
2-Drawer Assembly. Reg. \$189. 74-1053 Sale 94.50
Disk Expansion Bay. Reg. \$49. 74-1054 Sale 24.50
Hard Disk Bay. Reg. \$49. 74-1055 Sale 24.50

Workstation Chair 50% Off



Durable black nylon. Cushioned seat. Chrome frame. Casters. Reg. \$69.95. 74-1056 .. Sale 34.95

Disk Cases Half-Price!



5 1/4" Reg. \$3.95. 26-1452 . Sale 1.95
8" Reg. \$4.95. 26-4952 Sale 2.45

Cassette Program 70% Off 2⁹⁵
Reg. 9.95

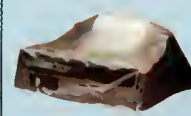
Statistical Analysis. Includes Histogram, Linear Regression, T-Test, Descriptive Statistics and Random Sample for Level I BASIC (Model I/III). Comprehensive manual included. 26-1703 Sale 2.95

Cassette Label Sale



75% off! Package of 100. Reg. \$1.95. 26-303 Sale 49¢

Save \$4! LP I Dust Cover



Protects printer against dirt and scrapes. Reg. \$5.95. 26-503 Sale 1.95

Printer Cable



Connects Quick Printer II to Expansion Interface or Model III. Reg. \$19.95. 26-1406 ... Sale 9.95

Color Graphics Printer On Sale Now!

**Save
\$50**

Reg. 249.95

199⁹⁵

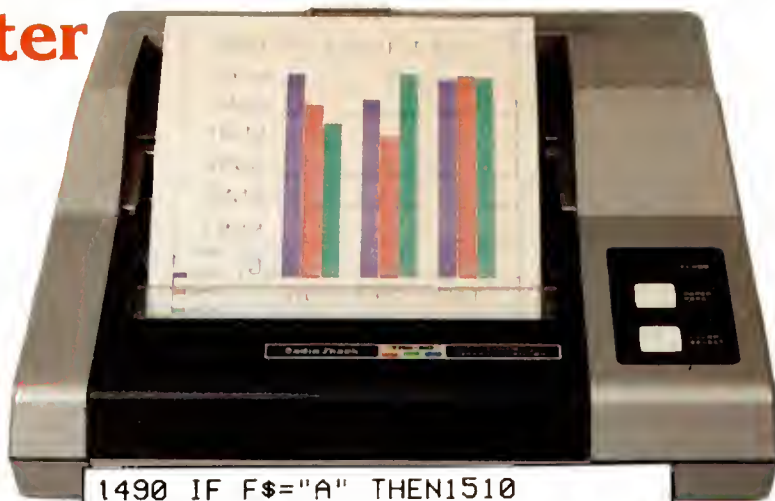
CGP-115 Color Graphics Printer. Text mode prints 40 or 80 characters per line at 12 characters/sec. Ideal for program listings. Software controls additional character sizes and rotation. Creates beautiful graphics in red, blue, green and black on 4 1/2" wide paper. Built-in commands simplify drawing and plotting. Uses easily replaceable ink cartridges. Just 3 x 8 1/4 x 8 1/2". U.L. listed.

26-1192 Sale 199.95

Black Pens. Set of 3. 26-1480 2.95

Color Pens. Set of 3. 26-1481 2.95

Roll Paper. 4 1/2" wide, 150-ft. 26-1428 Pkg. of 3/4.95



```
1490 IF F$="A" THEN1510
1500 GOTO1440
1510 RD=(.41*(R-U))+U:GOSUB1860
1520 GOTO1560
```

Half-Price! TRS-80 Information Terminal

**Save
\$99⁰⁵**

Reg.
199.00

99⁹⁵
Less TV

Access Data Services by Phone

TRS-80 Videotex Terminal. Stay on top of news, weather, sports or the latest stock quotes by accessing information networks like Dow Jones News/Retrieval® and CompuServe®. Just connect terminal with your telephone and TV. Software and telephone interface are built-in. 53-key alphanumeric keyboard. 4K memory stores up to 8 "pages" of information for later viewing. One free hour on both networks included! U.L. listed. 26-5000 Sale 99.95



**Provides 2-Way
Information Retrieval
At an Unbeatable Price**

Sale! BASIC Manual



Save \$8⁹⁵

Program in Style. Learn new applications and ideas for TRS-80 Level II. 343 pages. 62-2067 Sale 2.00

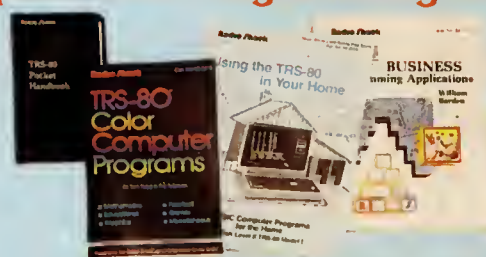
Sale! Graphics Book



Save \$6⁹⁵ Reg. 7.95 **1⁰⁰**

Introduction to TRS-80 Graphics. Line drawing, special graphics characters, pixel graphics, simple animation. 134 pages. 62-2073 Sale 1.00

Expand Your Programming Ability



New! TRS-80 Pocket Reference Guide. A handy guide to all TRS-80 computers. 62-2084 6.95

New! Color Computer Programs. Over 37 useful and fun programs ready to keyboard. 62-2313 9.95

New! Business Programs Applications. Develop your own helpful programs for your business. 62-2074 4.95

Home Computer Programs. Packed with household helpmates. 330 pages. 62-2069 7.95

Depend on Your Radio Shack Computer Center—We Service What We Sell!

The Remarkable New TRS-80



Apply for Your CitiLine
Credit Card Today
(See Back Cover for Details)

**Model III Owners—
Convert to Model 4
(See Below)**

New TRSDOS 6.0 Operating System

- A New Dimension in Versatility and Power
- Advanced Features Make Jobs Easier

Features include Memory Disk, Job Control Language, cassette support for the new TRS-80 Model 100, complete communications program, print spooler, forms control, full routing and linking, filtering and more. Current TRS-80 owners will appreciate datafile compatibility with any Model III or Model I using LDOS.

Expand Your System With an Upgrade Kit or Additional Disk Drives

Model 4 Drive 0 (Internal). 184K, 5 $\frac{1}{4}$ " double density. Includes TRSDOS 6.0. 26-1127 649.00*

Drive 1 (Internal). New Low Price! Was \$349 in RSC-9. Requires Drive 0. 26-1163 239.95*

*Installation required (not included).

New Microsoft Disk BASIC for Model 4

- Easy to Learn . . . Handy to Use
- Produces 80 x 24 Screen Display

Features include CHAIN and COMMON for large programs, variable names as long as 40 characters for easy documentation, "endless loop" check, WHILE . . . WEND for looping, and printer line width selection. Model III programs are run only in Model III mode (with Model III features only).

Drive 2 (External). 26-1164 449.00

Drive 3 (External). 26-1161 449.00

Model 4 Upgrade Kit. Converts your Model III to a Model 4 (except for cabinet and disk drives). Includes keyboard, TRSDOS, Disk BASIC. 26-1123 . . . 799.00*

Model 4 . . . a Breakthrough In Price and Performance

16K Model 4
Cassette-Based System

64K 1-Disk Model 4
Without RS-232C

64K 2-Disk Model 4
With RS-232C

999⁰⁰

1699⁰⁰

1999⁰⁰

Model 4 Disk Systems Include Standard Features That Other Computers Leave Out . . . Features to Make Your Job Easier

- **SPEED**—4 MHz Clock Speed Gives You Maximum Efficiency in a Desktop Computer Designed for the Manager, Professional, Businessman or Educator
- **COMPATIBILITY**—Uses Model 4 or Model III TRSDOS®, LDOS™ and CP/M® Plus-Based Programs to Put Thousands of Applications at Your Disposal
- **MEMORY**—64,000-Character RAM is Expandable to 128,000 Characters and Can Be Used As a Super-Fast RAM-Based “Disk Drive”
- **CONVENIENCE**—80-Column by 24-Line Display is Ideal for Word Processing and Large Spreadsheet Applications
- **AND MORE**—Attractive White Finish, Hi-Res Monitor, Function, CONTROL and CAPS Keys, Numeric Keypad, Parallel and RS-232C Serial Interfaces, 5¼" Disk Drives and Sound

TRS-80 Model 4 Disk Versions

Yes, it looks like a Model III, but it's much, much more. Compare the price and the features of our amazing new Model 4 to any other computer in its class. You'll find that for power, versatility and convenience it is a true breakthrough. To add the same features to other computers, you'd have to pay a whole lot more.

Amazing Versatility

The Model 4 can run all Radio Shack programs written for the Model III without alteration. And it will soon be able to run CP/M-based software. This means you can upgrade to a Model 4 without making your present software obsolete.

Friendlier . . . and Faster

Because of its 64K memory and 80 x 24 display, you'll find Model 4 perfect for business applications. And to speed operations, there's "MemDisk", which lets you create a super-fast "disk drive" in unused memory. The result? Keystroke-quick responses instead of time-consuming disk access.

And That's Not All

The print spooler lets you print out a job at the same time

you're using your Model 4 for other tasks. With the Job Control Language that's included with the powerful TRSDOS 6.0 operating system, you can set up a whole series of operations for your Model 4 to perform without supervision. And with Model 4's built-in sound feature, audible prompts can even let you know when jobs are finished.

Full—and Helpful—Documentation

We include a comprehensive owner's manual, reference card, tutorial manual for BASIC programming and tutorial introduction to disk systems to explain just how to get the most out of your Model 4.

64K 2-Disk Model 4. 26-1069 1999.00

64K 1-Disk Model 4. Without RS-232C.

26-1068 1699.00

64K RAM Kit. Can be used to expand internal memory to 128K or to upgrade 16K Model 4. 26-1122 149.00*

16K Model 4. An ideal starter system—just add a cassette recorder to store and load programs and data. Includes monitor with 64 x 16 display, keyboard with function keys, keypad, parallel printer interface, Model III ROM BASIC and 2MHz clock speed. Upgradable to Model 4 disk system capabilities and sound. 26-1067 999.00

Disk Version Specifications. Microprocessor: Advanced Z-80A 8-bit. **Clock Speed:** 4 MHz. **Memory:** 14K ROM, 64K RAM—expandable to 128K. Both provide disk drive emulation in RAM. **Keyboard:** 70-key typewriter style with control key, 3 programmable function keys (F1, F2, F3), caps key and 12-key datapad. **Video Display:** 80 characters by 24 lines (Model 4 mode), 64 x 16 (Model III mode), or double-wide 40 or 32 characters per line. Upper and lower case and reverse video. Memory mapped with high-resolution 12" monitor. Includes 96 text, 64 graphics and 96 "special" characters. **Sound:** Obtainable from BASIC with sound command, includes tone and duration. Toggled "keyclick". **Disk Drives:** One or two built-in double-density 184K, 5¼" drives. **Operating System Compatibility:** TRSDOS 6.0, TRSDOS 1.3, LDOS, CP/M Plus (available soon). **Programming Language:** New Advanced Microsoft BASIC with CHAIN, COMMON and more. **Input/Output Interfaces:** Cassette operation at 500/1500 baud selectable under ROM BASIC. Disk version includes TRS-80 Model 100 utility. Parallel printer interface with TRSDOS print spooler. RS-232C serial interface (2-drive only) input/output bus. **Dimensions:** 12½ x 18⅞ x 21½". **Power:** Integrated power supply, 105-130VAC, 60 Hz. U.L. listed.

Accessories and Factory-Authorized Service Through Over 8,600 Locations Worldwide!

Sale! Model I and Model III Software

Quality TRS-80® Software for Home, Entertainment and Business

30% Off! Versatile Checkwriter Program

Save \$30

Reg. 99.95

69⁹⁵



Check Writer-80™. Check Writer-80 gives you a check writer and a register, plus an expense tracking and bank reconciliation system that's ideal for small business bookkeeping. All this at a great sale price! And it's as easy to use as filling out a check or deposit slip, yet you get all the speed and accuracy of the computer. Handles multiple banks, and up to 9 bank accounts, 75 payees, 42 expense categories (single account expense distribution per check), and about 2700 active checks. Even enter handwritten checks. Prints checks, check register (no detail check stubs), expense summaries, lists of banks, and payees. 48K 2-Disk Model III only. 26-1584 Sale 69.95

Communications Package 25% Off

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RS-232C Communications Software. Exchange information with another Model I or Model III by phone. With the three programs that make up this package, you can send and receive BASIC programs, data files, machine language programs and blocks of memory. Or use your TRS-80 as a terminal for keyboard communications. And you can also make your TRS-80 act as a "host" system for use by your friend's "terminal" TRS-80. The host receives commands and data from the terminal, and sends output to the terminal's display. Both tape and disk versions are included. Requires 16K RAM, RS-232C interface and modem. 26-1149 Sale 29.95



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74⁹⁵

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14⁹⁵

Cassette Portfolio Analysis System. A fantastic investment at this sale price! This easy-to-use package is for both the experienced and novice investor. Maintains a current record and analysis of your investments in stocks, bonds, funds, and options. The system stores up to 20 current stocks, 10 bonds, 5 funds, and 10 options. And it automatically computes key factors which help you to analyze yield, total market value and unrealized gain or loss. You can graphically compare the performance of your stock holdings with any financial index, as well as receive summaries of your total investments by type. Print out reports, too. 16K Level II or Model III BASIC. 26-1506 Sale 14.95

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3⁹⁵

Renumber. Get this convenient cassette utility and save \$6! It's a handy programming aid that allows you to renumber all or part of your BASIC program by specifying old starting line, new starting line and new increment between lines. All references to line numbers are automatically updated. 26-2004 Sale 3.95

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9⁹⁵

DEBUG. Having trouble getting your machine language programs to run? Then get this monitor to write and debug them. Displays blocks of memory in 128 or 256-byte full screen mode and Z-80 registers and contents, plus allows modifications to RAM and registers. Includes single-step execution of programs and breakpoint interruption of execution. (For advanced programmers). 16K Level II or Model III BASIC. 26-2000 Sale 9.95

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Monty™ Plays Monopoly. Invite this bright, entertaining guest to play and add an exciting new dimension of enjoyment to the game. Monty plays strictly by the official rules, too. Requires board game and 32K 1-Disk Model III. Add mini-amplifier for sound effects. 26-1952 Sale 24.95

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High Motivation Reading Series (HMRS). A reading skill supplement for levels 4-6 based on motivational reading materials. The HMRS packages are used with either the 32K Model I Lowercase or Model III disk computers. And now the HMRS packages are available at 40% (Model III) to 60% (Model I) off! Four illustrated student readers and a read-along audio cassette tape accompany an easy-to-operate program that reinforces reading skills. Students complete exercises on understanding the main idea, the sequence of events, story details, and separating fact and opinion. Model III versions also include spelling and vocabulary drill based on words from the story. These spelling and vocabulary exercises are repeatable—each session randomly selects a new sequence of problems from a large number of possible words. Instant feedback enhances learning. If the answer is wrong, another opportunity to respond is given. If the answer is correct, a reinforcement message is given. Additional activities are included in the teacher's manual for each package. An optional HMRS Student Records System is available to let you maintain a complete record of student scores for later review. HMRS requires TRS-80 MicroPILOT™, an authoring and "run-time" system (which you can also use to create or adapt your own courseware).



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Introduction to BASIC. Provides instruction in BASIC programming, including arithmetic operations, creating and storing programs, branching, looping, arrays, subroutines, read-data statements and graphics. Students learn by taking notes during the presentation and completing a quiz and a "hands-on" activity afterward. The series of ten 30-minute lessons is based on Part 1: Introduction to BASIC (26-2150), and is taught by Dr. Norman T. Bell. 1/2" VHS format. Requires the Part 1 Student Workbook (26-2151).
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349⁰⁰



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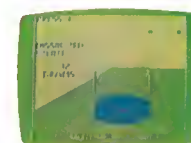
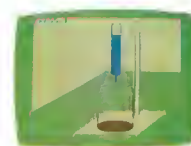
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TRS-80 Model 12 Computer. The all-new Model 12 is a remarkable, stand-alone business system that offers a unique combination of power, versatility and easy expandability. It's fully compatible with our popular TRS-80 Model II software, so it's ready right now to handle accounting, word processing, electronic filing, and forecasting applications; meet program development requirements; even be outfitted for communications with mainframe computers. Model 12 is available with one or two built-in 1.25-megabyte thin-line disk drives, and includes a high-resolution 80x24 green screen and detachable, low-profile 82-key typewriter-style keyboard. (U.L. listed.)

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Provides six additional plug-in slots for inserting our optional-extra expansion boards (described here) to meet growing or changing requirements. Card Cage and boards require installation, not included.

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16-Bit Power and More Memory

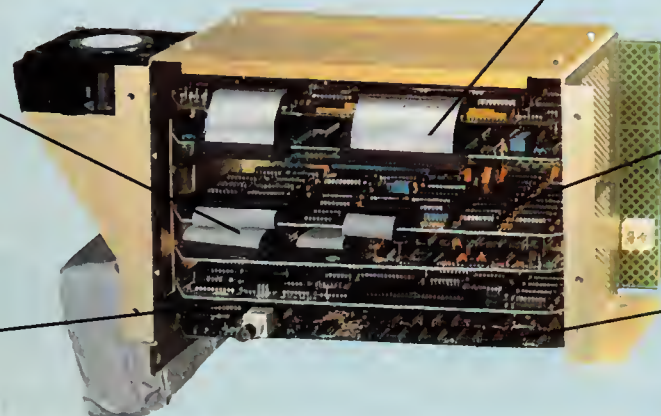
You can get true 16/32-bit processing, perform complex computing tasks with ease and have multi-user capability by adding our powerful Model 16 Upgrade Kit and memory options.

High-Res Graphics

Create amazingly detailed on-screen charts and graphs that can simplify rows of complicated numerical data with our High-Resolution Graphics Board.

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This special controller board allows you to interface hard disk drives with your Model 12 computer for up to 48 megabytes of data storage. (Included with primary hard disk.)



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With our new ARCNET™ system, you can link any combination of up to 255 TRS-80 Model 12 or Model II computers for high-speed local networking.

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Job Costing. Designed to aid the small construction company with the preparation of job estimates and to track the progress and cost of each job. It accurately keeps up with your two most valuable resources—time and money. Detailed and summary information is readily available on each job. Expenses are entered as they are incurred and are posted to each task by cost category. You can use Job Costing for internal auditing in checking invoices and purchase orders, too. As jobs are completed, your year-to-date profit and loss is maintained on disk for estimating work volume and average gross profit. 26-4513 ... Sale 99.00

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Model PC-4

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PC-4 Cassette Interface

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PC-4 Printer

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PC-4 Measures $3\frac{3}{8} \times 6\frac{1}{2} \times 2\frac{3}{4}$ "

Pocket Computer Model PC-4. Our lowest-priced pocket computer ever! The new PC-4 puts powerful computing features into the hands of engineers, business people, students, scientists—anyone with problems to solve on-the-go. This versatile computer lets you maintain up to ten short programs in its 540-character memory or combine the programming area to allow longer programs. Each program can be identified with a single-key label and run simply by pressing the specified key. PC-4's BASIC language includes 23 commands, 15 functions and 10-digit numeric accuracy. Up to 16 commonly-used commands like GOSUB, LIST and STEP can be entered by pressing just two keys. Programs can accept words and names as data (strings of up to 30 characters). Edit and Debug modes make PC-4 much easier to program than a programmable calculator. The keyboard—with a typewriter-style layout—includes 53 keys for alphanumeric input, with a 10-key numeric datapad. The big 12-character LCD is easy-to-read and scrolls to 62 characters. It can handle numbers with exponents of 10^{+99} to 10^{-99} . Functions include trig and inverse trig, radians or gradians, log, exponent, square root, angular conversions and absolute values. Automatic power-off saves battery life. Includes two lithium batteries. 26-3650 69.95

Handy Accessories for the PC-4

Cassette Interface

A "must" for your PC-4. Allows you to store and load your own programs and data at 300 baud using an optional cassette recorder. Plugs into rear of PC-4. Weighs only 8½ oz., including batteries. Requires two "AA" alkaline batteries. 26-3651 ... 39.95

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Expand Your TRS-80 Model PC-2 with These Quality Accessories

New! RS-232C Interface Adds Flexibility

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Plugs Directly Into The PC-2 or the Printer Interface

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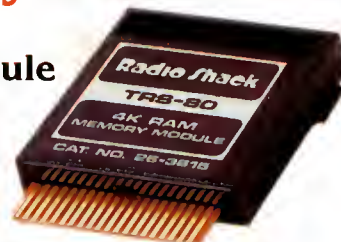
Now your PC-2 Pocket Computer can use most RS-232C devices with our new RS-232C Interface! Includes built-in communications program for accessing information services (requires modem and cable). 26-3612 199.95



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Save \$70

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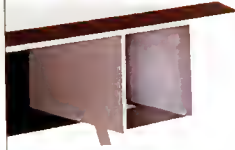
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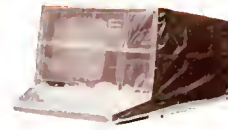
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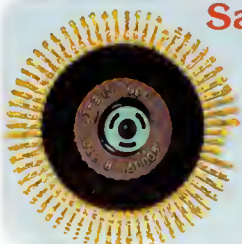
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FORT MYERS Edison Mall, (813) 939-3454

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